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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/889,865	09/24/2001	Kwesi E. Abraham	5843-58807	1529

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EXAMINER

EVANS, ARTHUR G

ART UNIT PAPER NUMBER

2622

DATE MAILED: 02/22/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/889,865

Applicant(s)

ABRAHAM, KWESI E.

Examiner

Arthur G. Evans

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-8 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-8 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. ____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date ____.

- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____

- 5) ☐ Notice of Informal Patent Appeal
- 6) ☐ Other: ____.

ARTHUR G. EVANS
SENIOR PRIMARY EXAMINER

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-8 are rejected under 35 U.S.C. 102(b) as being anticipated by Kobayashi et al (USPN 5881352).

Note “determining an arrangement of the pages in pairs on sides of sheets of paper so as to yield upon folding the sheets a booklet having the pages in the page number sequence according to the first page order” (see lines 50-60 of column 17), “if the second page order is selected, individually rotating the pages in the arrangement by about 180⁰” (see lines 61-17 of columns 17-18) and “printing the pages according to the arrangement on the sides of the sheets” (see line 60 of column 17 and lines 16-17 of column 18) as claimed by the applicant in claim 1 and taught by Kobayashi et al.

Note “receiving the page sequentially according to the page number sequence” (see lines 62-4 of columns 16-17), “temporarily storing the pages” (see lines 65-67 of column 16) and “retrieving the stored pages in pairs, where one of the pages in successive pairs is selected in ascending order of the page number sequence and another of the page in said successive pairs is selected in descending order of the page number sequence” (see lines 57-17 of columns 17-18) as claimed by the applicant in claim 2 and taught by Kobayashi et al.

Note “individually rotating the pages is performed after the step of determining the arrangement” (figure 16 show S29 designates rotation of the image both after S28

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designates arrangement and before S30 designates arrangements) as claimed by the applicant in claim 3 and taught by Kobayashi et al.

Note “individually rotating the pages is performed prior to the step of determining the arrangement” (figure 16 show S29 designates rotation of the image both after S28 designates arrangement and before S30 designates arrangements) as claimed by the applicant in claim 4 and taught by Kobayashi et al.

Note “a booklet page order setting for setting a page order of booklets printed by the booklet printing software to one of a left-to-right page order and a right-to-left page order” (see lines 50-60 of column 17, software to perform functionality disclosed by Kobayashi et al is inherent), “a page placement routine for arranging pairs of document page images to be printed on sides of sheets of paper to yield a booklet according to a first of the left-to-right and right-to-left page orders with the sheets folded over between the pair of document page images on the sides of the sheets” (see lines 61-17 of columns 17-18) and “a page rotation routine for rotating the document page images by substantially 180° when the booklet page order setting is set to a second of the left-to-right and right-to-left page orders” (see line 60 of column 17 and lines 16-17 of column 18) as claimed by the applicant in claim 5 and taught by Kobayashi et al.

Note “interactive control for a user to set the booklet page order setting” (see lines 24-28 of column 19) as claimed by the applicant in claim 6 and taught by Kobayashi et al.

Note “page arrangement means for arranging images of a set of pages having page numbers in a sequence from 1 through 4n for printing in side-by-side pairs on

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successive front and back sides of n sheets of paper according to a series of page number pairs, where n is an integer and where the images denoted by a first page number of each page number pair in the series are positioned towards a same end of the sheets of paper”(see lines 50-60 of column 17, figure 20a, 20b, 22a and 22b), “page rotation means for rotating the images by about 180^0 ” (see lines 61-17 of columns 17-18) “page order selection means for controlling whether the page rotation mean rotates the images according to selection from a left-to-right page order and a right-to-left page order (see line 60 of column 17 and lines 16-17 of column 18) as claimed by the applicant in claim 7 and taught by Kobayashi et al.

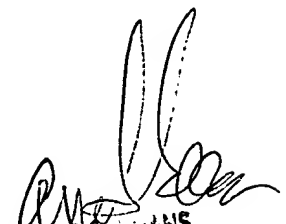
Note “wherein one of the first and second page orders is a left-to-right order of pages in the booklet, and another of the first and second page orders is a right-to-left order of pages in the booklet” (see figure 20a, 20b, 22a and 22b) as claimed by the applicant in claim 8 and taught by Kobayashi et al.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Arthur G. Evans whose telephone number is 703-305-9653. If attempts to reach the examiner by telephone are unsuccessful, the examiner’s supervisor, Edward Coles can be reached on 703-305-4712. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

February 21, 2005


ARTHUR J. EVANS
SENIOR PRIMER EXAMINER